

## Evaluation d'Expressions (I)

Utilisez la valeur donnée pour évaluer l'expression.

1.  $b + z - (a + 1 + 6 - (-7))$   
( $a = -5, b = 10, z = 10$ )

5.  $a \left( a + b - \frac{a}{b} \right) \cdot v$   
( $a = 7, b = -9, v = -1$ )

2.  $\frac{x + 2 + a}{a - (-2)} \cdot 2$   
( $a = 3, x = 7$ )

6.  $\frac{3}{c} + u + c^3 - (-7)$   
( $c = 2, u = -3$ )

3.  $u - \left( (-3)^4 - (7 - (-10)) \right) - (-6)$   
( $u = -7$ )

7.  $\frac{\frac{-2}{-6} + \frac{a}{-6}}{\left( \frac{-10}{z} \right)}$   
( $a = -10, z = 4$ )

4.  $\frac{(c + 5 + (-7)) \cdot 9}{-7y}$   
( $y = -4, c = 10$ )

8.  $1 - \frac{u - y - y^2}{9}$   
( $y = -6, u = -5$ )

## Evaluation d'Expressions (I) Solutions

Utilisez la valeur donnée pour évaluer l'expression.

$$\begin{aligned} 1. & b + z - (a + 1 + 6 - (-7)) \\ & (a = -5, b = 10, z = 10) \\ & = 11 \end{aligned}$$

$$\begin{aligned} 5. & a \left( a + b - \frac{a}{b} \right) \cdot v \\ & (a = 7, b = -9, v = -1) \\ & = \frac{77}{9} \end{aligned}$$

$$\begin{aligned} 2. & \frac{x + 2 + a}{a - (-2)} \cdot 2 \\ & (a = 3, x = 7) \\ & = \frac{24}{5} \end{aligned}$$

$$\begin{aligned} 6. & \frac{3}{c} + u + c^3 - (-7) \\ & (c = 2, u = -3) \\ & = \frac{27}{2} \end{aligned}$$

$$\begin{aligned} 3. & u - \left( (-3)^4 - (7 - (-10)) \right) - (-6) \\ & (u = -7) \\ & = -65 \end{aligned}$$

$$\begin{aligned} 4. & \frac{(c + 5 + (-7)) \cdot 9}{-7y} \\ & (y = -4, c = 10) \\ & = \frac{18}{7} \end{aligned}$$

$$\begin{aligned} 7. & \frac{\frac{-2}{-6} + \frac{a}{-6}}{\left( \frac{-10}{z} \right)} \\ & (a = -10, z = 4) \\ & = -\frac{4}{5} \end{aligned}$$